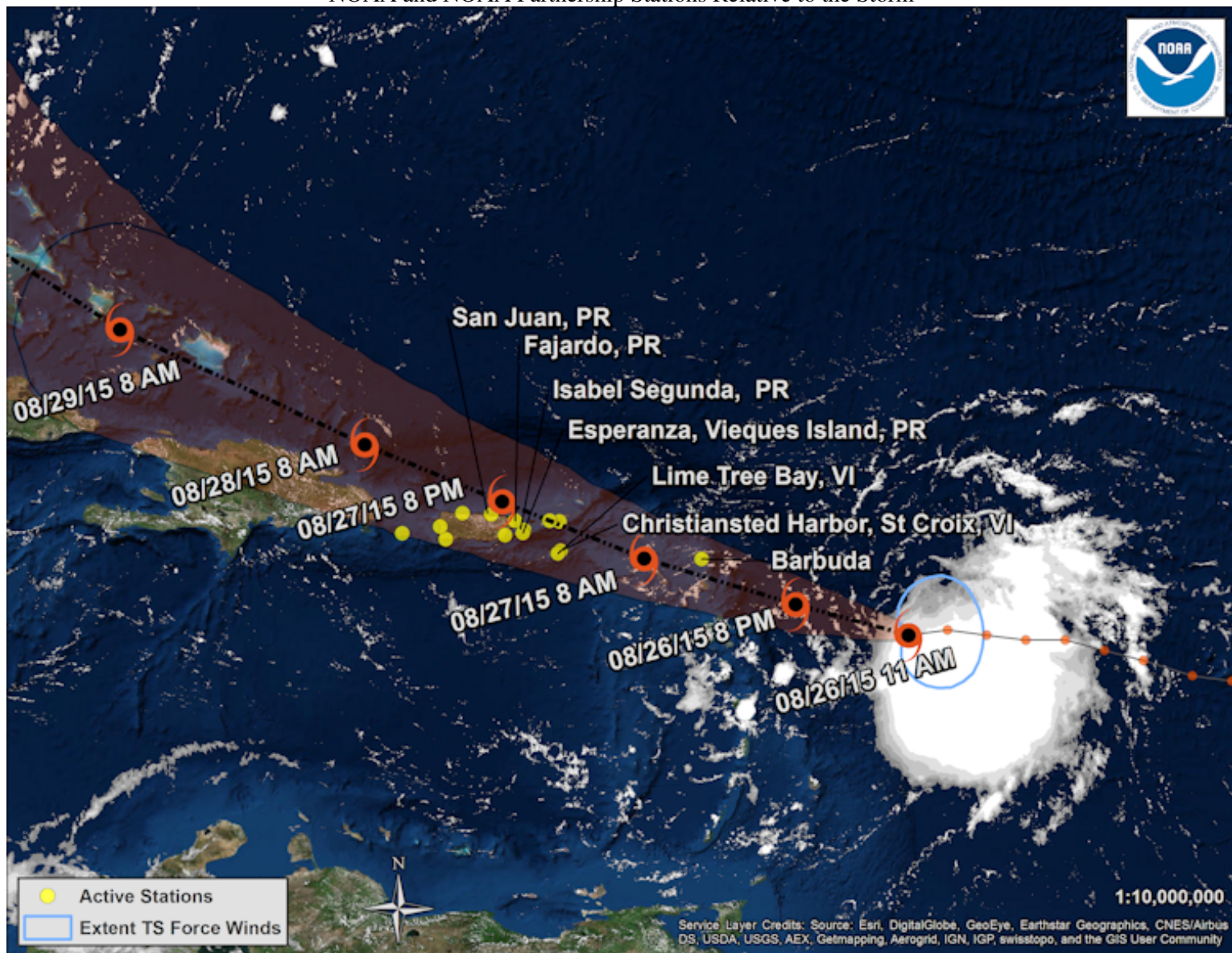


Tropical Storm ERIKA QuickLook
Posted: 12:00 AST 08/26/2015

NOAA and NOAA Partnership Stations Relative to the Storm



Storm Analysis

As of 08/26/2015 12:00 AST, water levels in Puerto Rico, the U.S. Virgin Islands and Barbuda are around 0.3-0.6 ft above predicted. Water levels across the region have been elevated 0.5-0.7 feet above predicted during the entire month of August. Winds are 5 to 14 knots and are slowly increasing across the region. Gusts are currently up to 18 knots. Barometric pressure currently is following the normal diurnal cycle or slightly rising.

Tropical Storm ERIKA QuickLook, POSTED 12:00 AST 08/26/2015

Water Level and Meteorological plots available below are updated automatically. A line denoting Mean Higher High Water (MHHW) is displayed to provide an approximate indication of when flooding inundation may occur.

For additional data, please see the Center for Operational Oceanographic Products & Services website. For more information or archived products and reports, please see the Storm QuickLook Homepage.

Analyst:KG

SELECT NATIONAL HURRICANE CENTER ADVISORY INFORMATION:

TROPICAL STORM ERIKA ADVISORY NUMBER 7

1100 AM AST WED AUG 26 2015

...ERIKA CONTINUES WESTWARD TOWARD THE LEEWARD ISLANDS...

WATCHES AND WARNINGS

CHANGES WITH THIS ADVISORY:

The government of France has changed the Tropical Storm Watch to a Tropical Storm Warning for St. Martin and St. Barthelemy.

SUMMARY OF WATCHES AND WARNINGS IN EFFECT:

A Tropical Storm Warning is in effect for...

- * Anguilla
- * Saba and St. Eustatius
- * St. Maarten
- * St. Martin
- * St. Barthelemy
- * Montserrat
- * Antigua and Barbuda
- * St. Kitts and Nevis
- * Puerto Rico
- * Vieques
- * Culebra
- * U.S. Virgin Islands
- * British Virgin Islands

A Tropical Storm Watch is in effect for...

- * Guadeloupe

A Tropical Storm Warning means that tropical storm conditions are expected somewhere within the warning area, generally within 36 hours.

A Tropical Storm Watch means that tropical storm conditions are possible within the watch area, generally within 48

hours.

Interests in the Dominican Republic should monitor the progress of Erika. A Tropical Storm Watch may be required for a portion of the Dominican Republic later today.

For storm information specific to your area in the United States, including possible inland watches and warnings, please monitor products issued by your local National Weather Service forecast office. For storm information specific to your area outside the United States, please monitor products issued by your national meteorological service.

DISCUSSION AND 48-HOUR OUTLOOK

At 1100 AM AST, the center of Tropical Storm Erika was located near latitude 16.1 North, longitude 57.6 West. Erika is moving toward the west near 17 mph, and a west to west- northwestward motion is expected over the next 48 hours.

On the forecast track, the center of Erika will move near or over portions of the Leeward Islands tonight, move near the Virgin Islands and Puerto Rico on Thursday, and be near or just north of north coast of the Dominican Republic on Friday.

Maximum sustained winds are near 45 mph with higher gusts.
Little change in strength is forecast during the next 48 hours.

Tropical storm force winds extend outward up to 105 miles (165 km) primarily to the east of the center.

The latest minimum central pressure reported from an Air Force Reserve Hurricane Hunter aircraft was 1005 mb.

HAZARDS AFFECTING LAND

WIND: Tropical storm conditions are expected to first reach the warning area in the Leeward Islands tonight, and reach the Virgin Islands and Puerto Rico on Thursday. Tropical storm conditions are possible in the watch area tonight and early Thursday. Tropical storm conditions could reach portions of the Dominican Republic on Friday.

RAINFALL: Erika is expected to produce total rain accumulations of 3 to 5 inches with maximum amounts of 8 inches across portions of the Leeward Islands, the Virgin Islands, and Puerto Rico through Friday morning.

Forecaster Brown

For the purpose of timely release, data contained within this QuickLook have undergone a "limited" NOS Quality Assurance/Control; however, the data have not yet undergone final verification. All data subject to NOS verification.

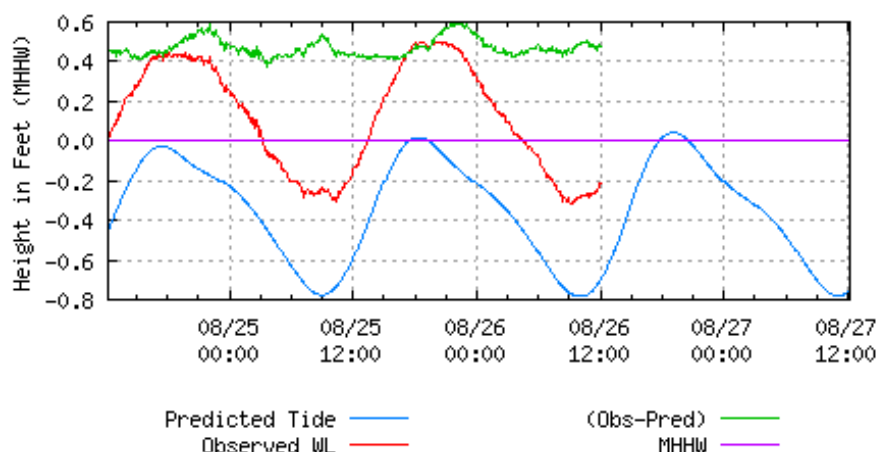
Jump to: [Christiansted Harbor, St Croix - Water Level](#), [Christiansted Harbor, St Croix - Winds](#), [Christiansted Harbor, St Croix - Barometric](#), [Christiansted Harbor, St Croix - Air/Water Temp](#), [Lime Tree Bay - Water Level](#), [Lime Tree Bay - Winds](#), [Lime Tree Bay - Barometric](#), [Lime Tree Bay - Air/Water Temp](#), [Isabel Segunda, Vieques Island - Water Level](#), [Isabel Segunda, Vieques Island - Winds](#), [Esperanza, Vieques Island - Water Level](#), [Esperanza, Vieques Island - Winds](#), [Esperanza, Vieques Island - Barometric](#), [Esperanza, Vieques Island - Air/Water Temp](#), [Fajardo -](#)

Tropical Storm ERIKA QuickLook, POSTED 12:00 AST 08/26/2015

[Water Level, Fajardo - Winds, San Juan - Water Level, San Juan - Winds, San Juan - Barometric, San Juan - Air/Water Temp, Barbuda - Water Level, Barbuda - Winds, Barbuda - Barometric](#)

Tropical Storm ERIKA QuickLook, POSTED 12:00 AST 08/26/2015

NOAA/NOS/CO-OPS 9751364 Christiansted Harbor, St Croix, VI
Preliminary Water Level, relative to Mean Higher High Water (MHHW)



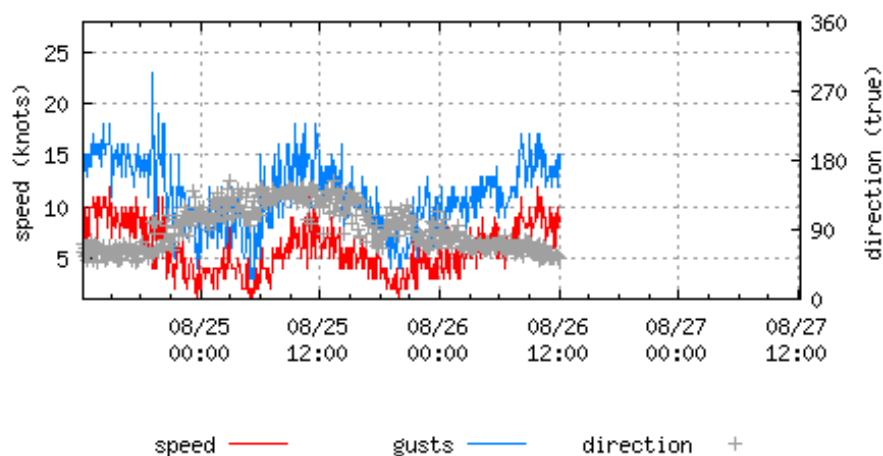
Last Observed Sample: 08/26/2015 12:06 (AST). Data relative to MHHW

Observed: -0.21 ft. Predicted: -0.69 ft. Residual: 0.48 ft.

Historical Maximum Water Level: Oct 16 2008, 1.17 ft.

Next High Tide: 08/26/2015 19:03 (AST), 0.04 ft.

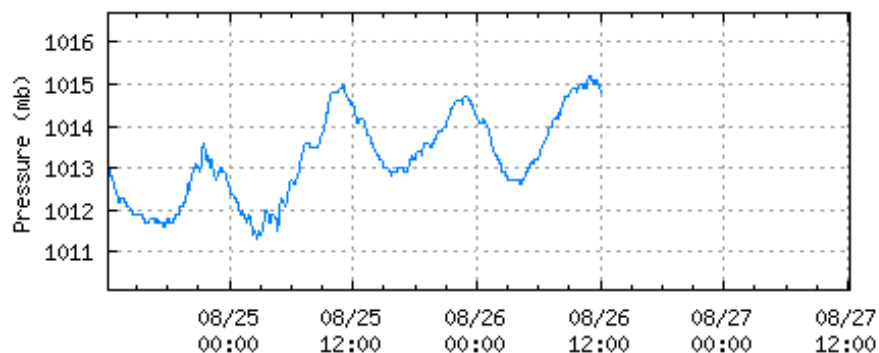
NOAA/NOS/CO-OPS 9751364 Christiansted Harbor, St Croix, VI
Wind Speed / Gusts / Direction



Last Observed Sample: 08/26/2015 12:06 (AST)

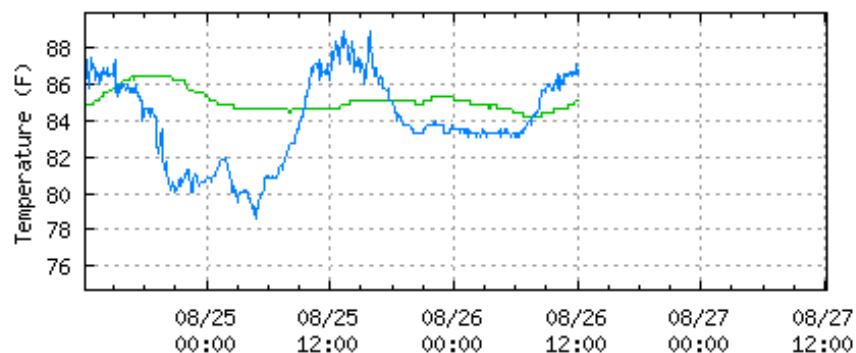
Wind Speed: 11 knots Gusts: 15 knots Direction: 49° T

NOAA/NOS/CO-OPS 9751364 Christiansted Harbor, St Croix, VI
Barometric Pressure

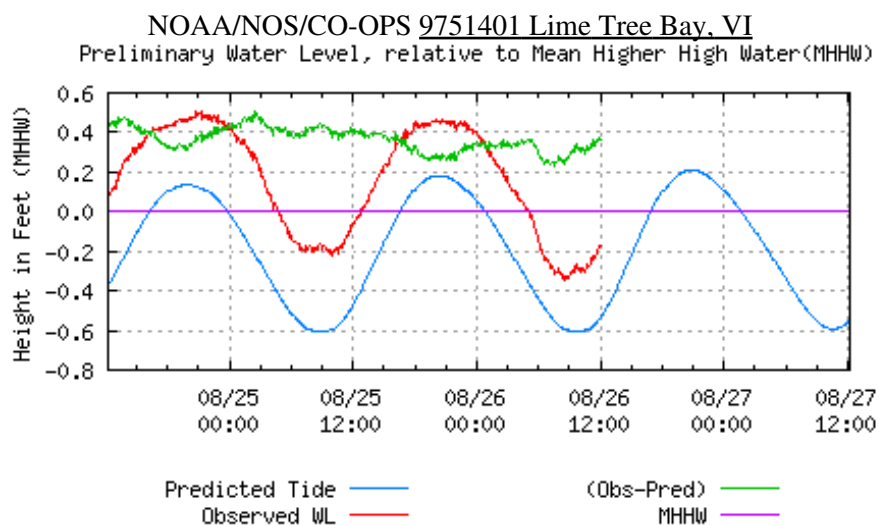


barometric pressure —
Last Observed Sample: 08/26/2015 12:06 (AST)
Barometric Pressure: 1014.8 mb

NOAA/NOS/CO-OPS 9751364 Christiansted Harbor, St Croix, VI
Air / Water Temperature



water temp. — air temp —
Last Observed Sample: 08/26/2015 12:06 (AST)
Water Temperature: 85.1° F Air Temperature: 86.0° F

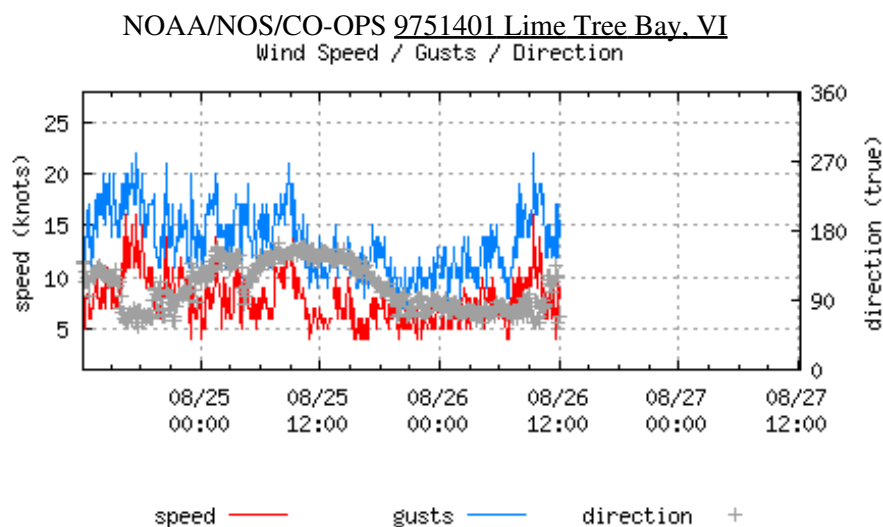


Last Observed Sample: 08/26/2015 12:06 (AST). Data relative to MHHW

Observed: -0.16 ft. Predicted: -0.52 ft. Residual: 0.36 ft.

Historical Maximum Water Level: Nov 17 1999, 1.88 ft.

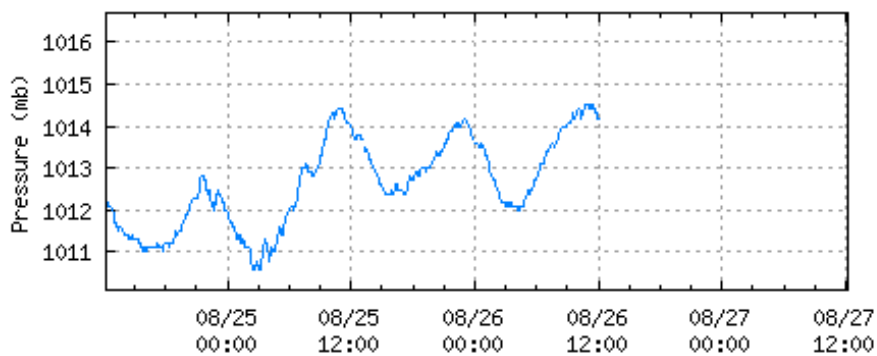
Next High Tide: 08/26/2015 20:50 (AST), 0.21 ft.



Last Observed Sample: 08/26/2015 12:06 (AST)

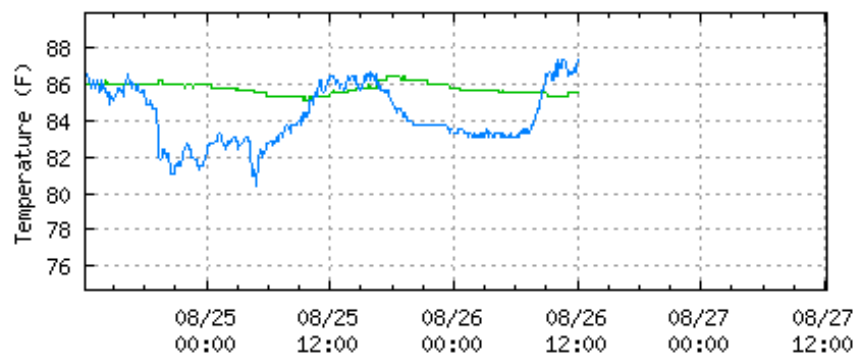
Wind Speed: 5 knots Gusts: 10 knots Direction: 59° T

NOAA/NOS/CO-OPS 9751401 Lime Tree Bay, VI
Barometric Pressure



barometric pressure —
Last Observed Sample: 08/26/2015 12:06 (AST)
Barometric Pressure: 1014.1 mb

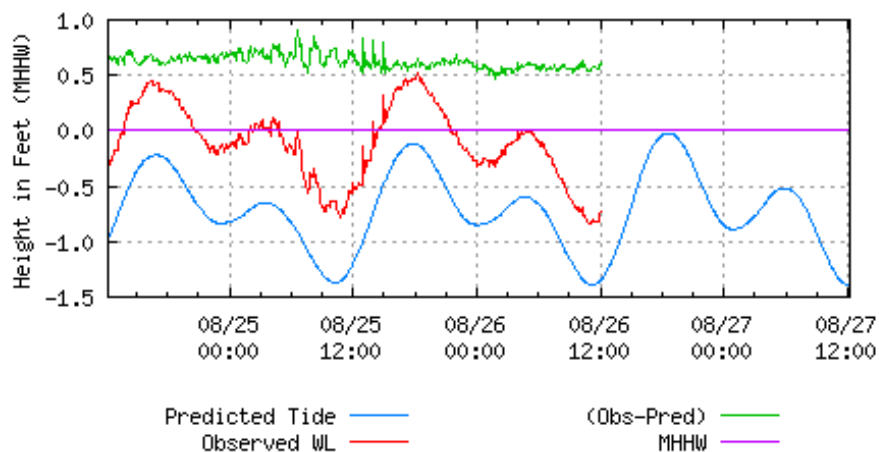
NOAA/NOS/CO-OPS 9751401 Lime Tree Bay, VI
Air / Water Temperature



water temp. — air temp —
Last Observed Sample: 08/26/2015 12:06 (AST)
Water Temperature: 85.5° F Air Temperature: 88.2° F

NOAA/NOS/CO-OPS 9752619 Isabel Segunda, Vieques Island, PR

Preliminary Water Level, relative to Mean Higher High Water(MHHW)



Last Observed Sample: 08/26/2015 12:12 (AST). Data relative to MHHW

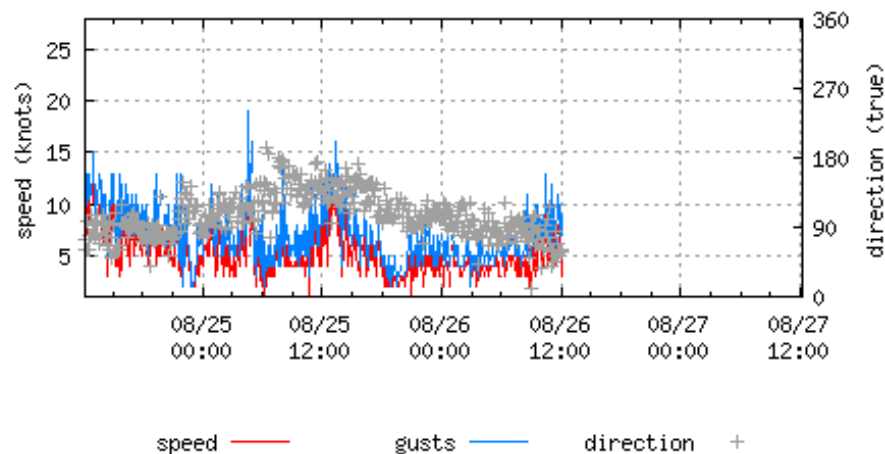
Observed: -0.72 ft. Predicted: -1.33 ft. Residual: 0.61 ft.

Historical Maximum Water Level: n/a

Next High Tide: 08/26/2015 18:36 (AST), -0.02 ft.

NOAA/NOS/CO-OPS 9752619 Isabel Segunda, Vieques Island, PR

Wind Speed / Gusts / Direction

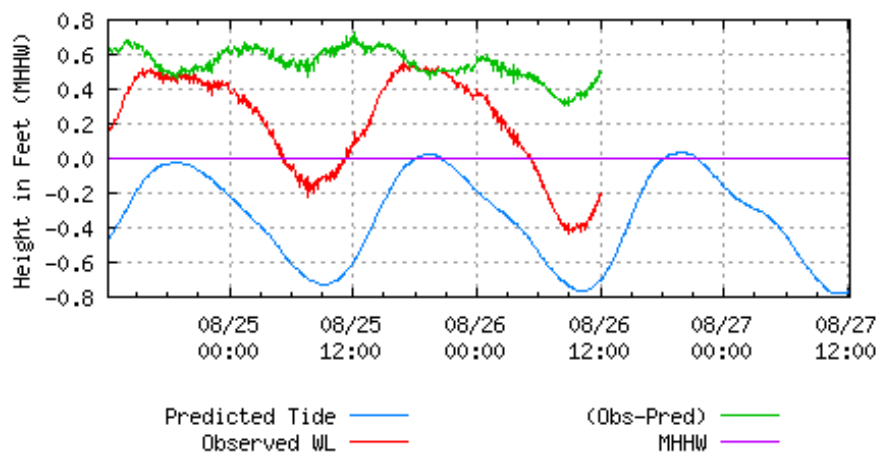


Last Observed Sample: 08/26/2015 12:12 (AST)

Wind Speed: 6 knots Gusts: 8 knots Direction: 74° T

NOAA/NOS/CO-OPS 9752695 Esperanza, Vieques Island, PR

Preliminary Water Level, relative to Mean Higher High Water(MHHW)



Last Observed Sample: 08/26/2015 12:06 (AST). Data relative to MHHW

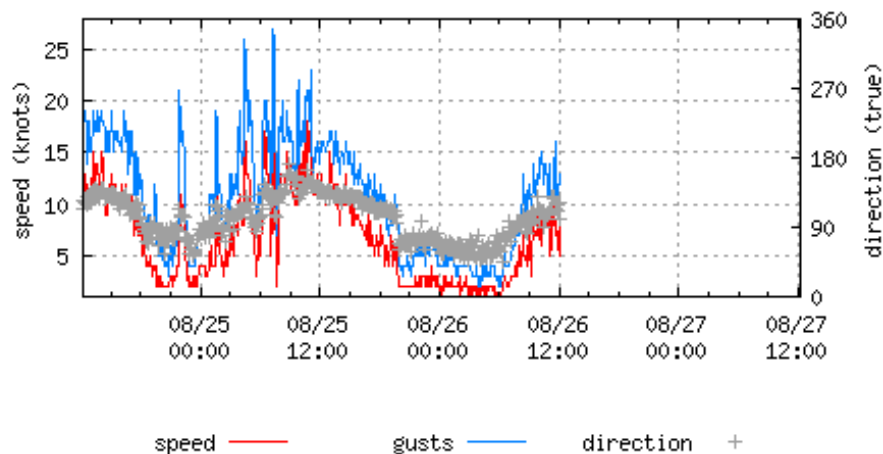
Observed: -0.20 ft. Predicted: -0.69 ft. Residual: 0.49 ft.

Historical Maximum Water Level: Aug 22 2011, 0.99 ft.

Next High Tide: 08/26/2015 19:52 (AST), 0.04 ft.

NOAA/NOS/CO-OPS 9752695 Esperanza, Vieques Island, PR

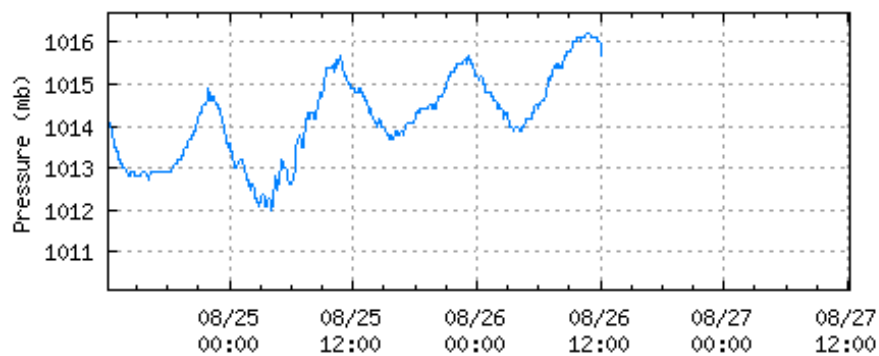
Wind Speed / Gusts / Direction



Last Observed Sample: 08/26/2015 12:06 (AST)

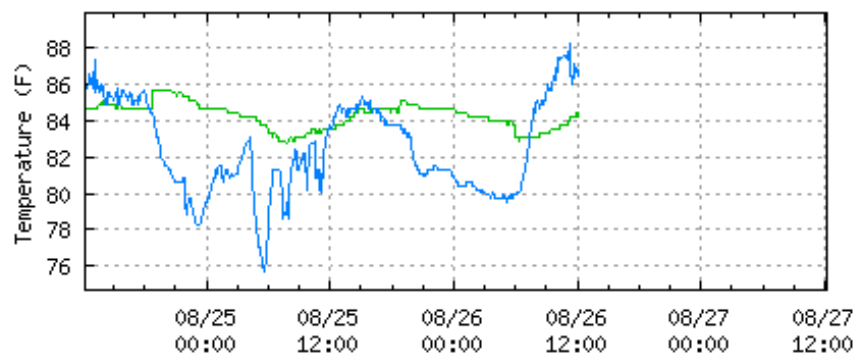
Wind Speed: 8 knots Gusts: 12 knots Direction: 121° T

NOAA/NOS/CO-OPS 9752695 Esperanza, Vieques Island, PR
Barometric Pressure

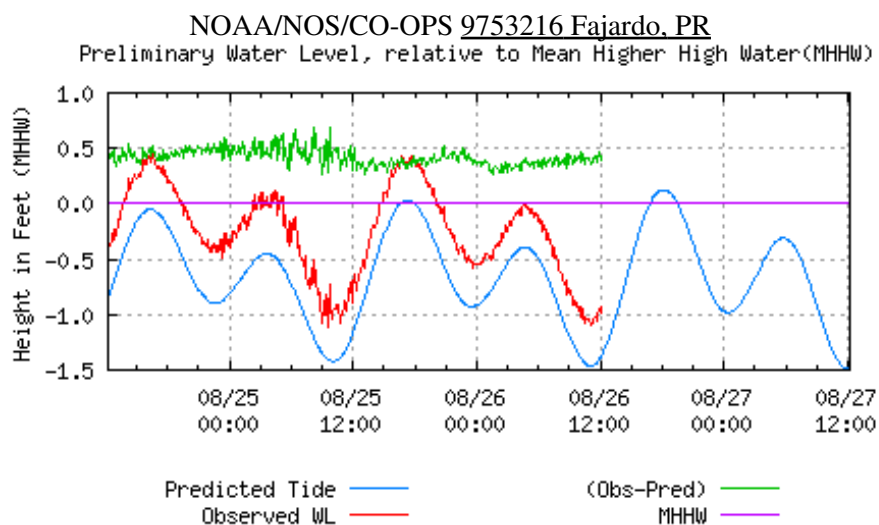


barometric pressure —
Last Observed Sample: 08/26/2015 12:06 (AST)
Barometric Pressure: 1015.7 mb

NOAA/NOS/CO-OPS 9752695 Esperanza, Vieques Island, PR
Air / Water Temperature



water temp. — air temp —
Last Observed Sample: 08/26/2015 12:06 (AST)
Water Temperature: 84.4° F Air Temperature: 86.4° F

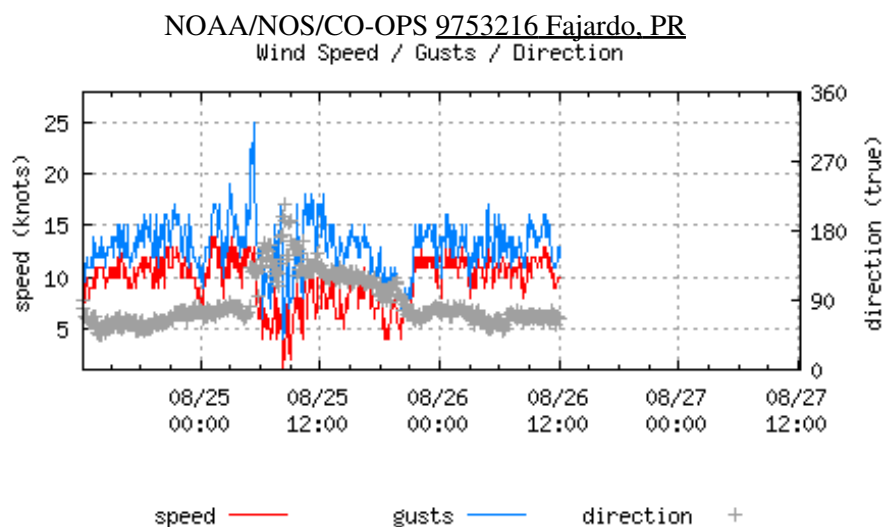


Last Observed Sample: 08/26/2015 12:06 (AST). Data relative to MHHW

Observed: -0.94 ft. Predicted: -1.37 ft. Residual: 0.43 ft.

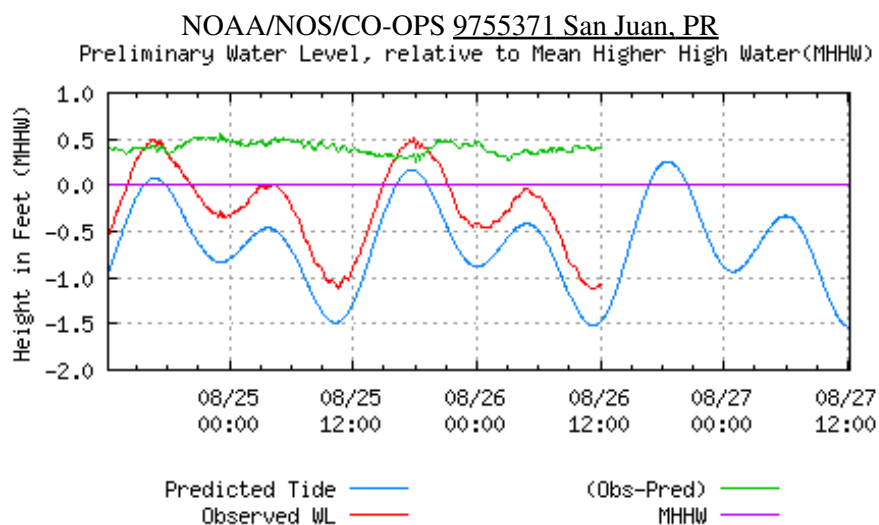
Historical Maximum Water Level: Aug 30 2010, 0.84 ft.

Next High Tide: 08/26/2015 18:06 (AST), 0.13 ft.



Last Observed Sample: 08/26/2015 12:06 (AST)

Wind Speed: 10 knots Gusts: 12 knots Direction: 67° T

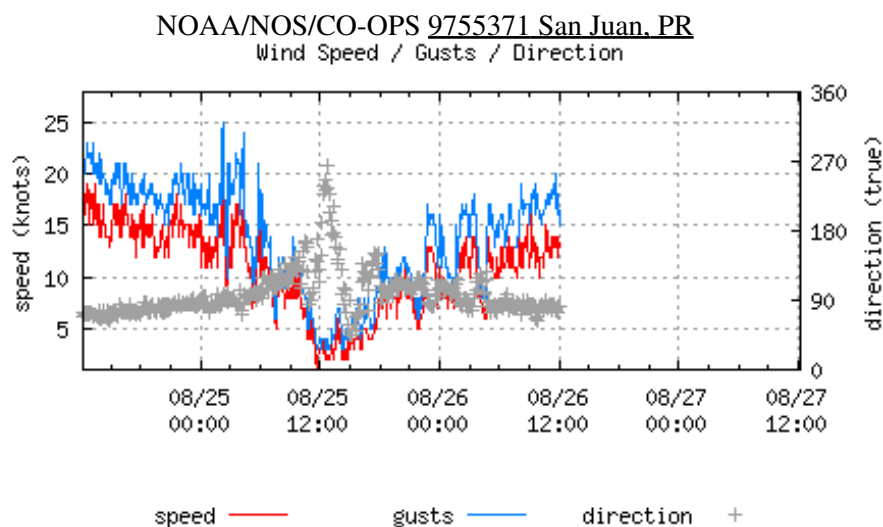


Last Observed Sample: 08/26/2015 12:00 (AST). Data relative to MHHW

Observed: -1.06 ft. Predicted: -1.47 ft. Residual: 0.41 ft.

Historical Maximum Water Level: Sep 18 1989, 2.77 ft.

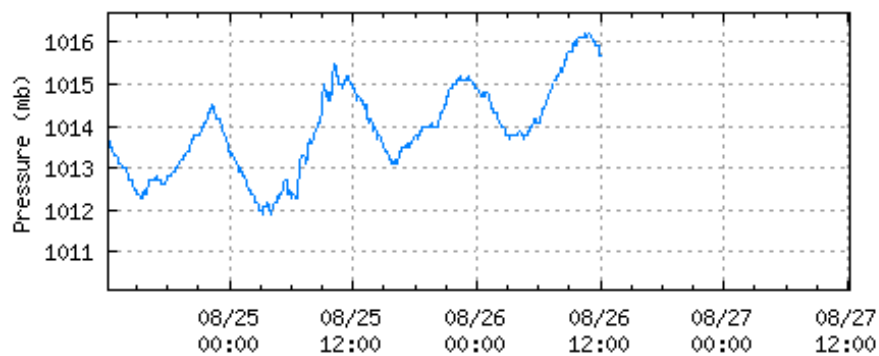
Next High Tide: 08/26/2015 18:31 (AST), 0.26 ft.



Last Observed Sample: 08/26/2015 12:00 (AST)

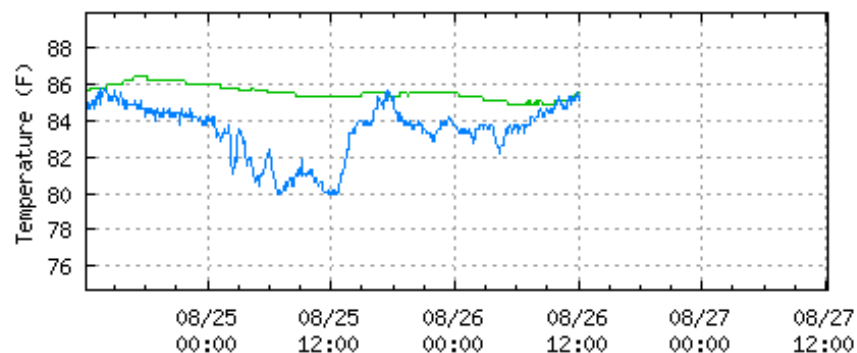
Wind Speed: 13 knots Gusts: 15 knots Direction: 81° T

NOAA/NOS/CO-OPS 9755371 San Juan, PR
Barometric Pressure

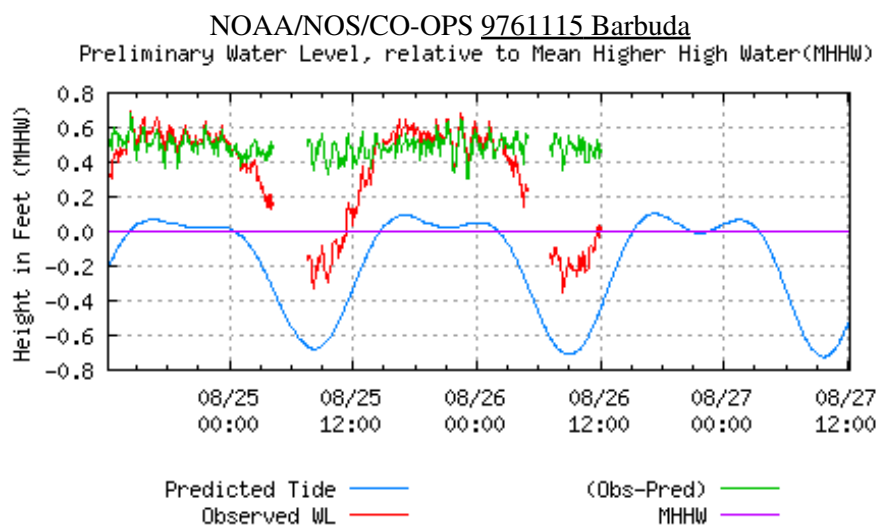


barometric pressure —
Last Observed Sample: 08/26/2015 12:00 (AST)
Barometric Pressure: 1015.7 mb

NOAA/NOS/CO-OPS 9755371 San Juan, PR
Air / Water Temperature



water temp. — air temp —
Last Observed Sample: 08/26/2015 12:00 (AST)
Water Temperature: 85.5° F Air Temperature: 85.1° F



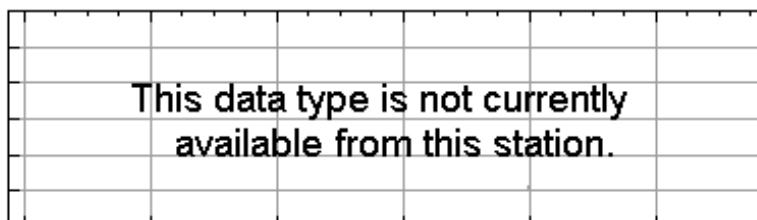
Last Observed Sample: 08/26/2015 12:00 (AST). Data relative to MHHW

Observed: 0.02 ft. Predicted: -0.45 ft. Residual: 0.47 ft.

Historical Maximum Water Level: Aug 23 2012, 1.05 ft.

Next High Tide: 08/26/2015 17:17 (AST), 0.10 ft.

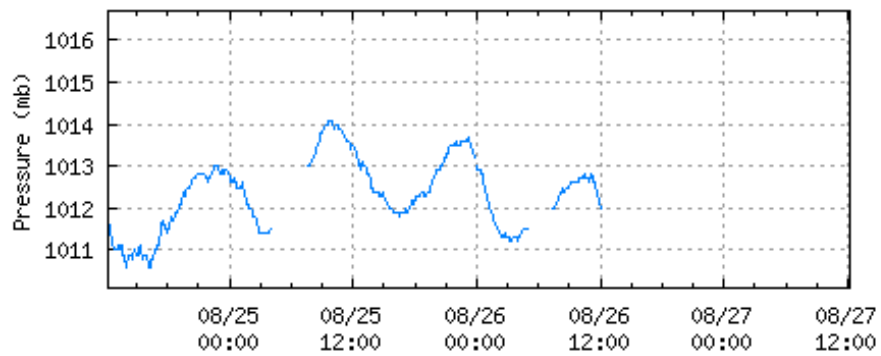
NOAA/NOS/CO-OPS 9761115 Barbuda
NOAA/NOS/CO-OPS



Last Observed Sample: 08/26/2015 12:00 (AST)

Wind Speed: 14 knots Gusts: 23 knots Direction: 57° T

NOAA/NOS/CO-OPS 9761115 Barbuda
Barometric Pressure



barometric pressure —

Last Observed Sample: 08/26/2015 12:00 (AST)

Barometric Pressure: 1012.0 mb

Tropical Storm ERIKA QuickLook, POSTED 12:00 AST 08/26/2015

Latest Water Level Observations on MHHW

Station ID	Station Name	Date/Time	Observed Water Level	Predicted Tide	Residual Water Level	24 Hour Maximum Storm Tide
9751364	Christiansted Harbor, St Croix, VI	08/26/2015 12:06 (AST)	-0.21 ft	-0.69 ft	0.48 ft	0.50 ft
9751401	Lime Tree Bay, VI	08/26/2015 12:06 (AST)	-0.16 ft	-0.52 ft	0.36 ft	0.47 ft
9752619	Isabel Segunda, Vieques Island, PR	08/26/2015 12:12 (AST)	-0.72 ft	-1.33 ft	0.61 ft	0.52 ft
9752695	Esperanza, Vieques Island, PR	08/26/2015 12:06 (AST)	-0.20 ft	-0.69 ft	0.49 ft	0.56 ft
9753216	Fajardo, PR	08/26/2015 12:06 (AST)	-0.94 ft	-1.37 ft	0.43 ft	0.43 ft
9755371	San Juan, PR	08/26/2015 12:00 (AST)	-1.06 ft	-1.47 ft	0.41 ft	0.51 ft
9761115	Barbuda	08/26/2015 12:00 (AST)	0.02 ft	-0.45 ft	0.47 ft	0.68 ft

Center for Operational Oceanographic Products & Services (CO-OPS) | National Ocean Service (NOS)
National Oceanic and Atmospheric Administration | U.S. Department of Commerce